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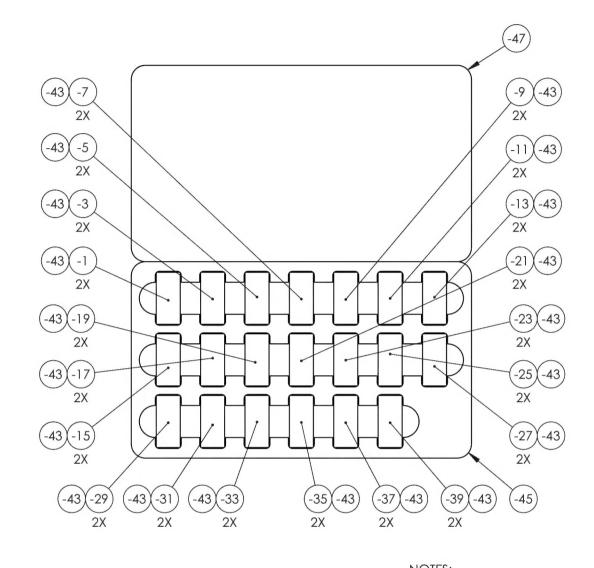
ASSY ASSY B/O Part # UNIT QTY

Description

1 PLACARD

B/O

	REVISIONS REVISIONS						
RE'	✓ ECR	DESCRIPTION	DATE	INITIAL	APPROVED		
1		RELEASED FOR PRODUCTION.	2/1/2017	DPD	JAG		
2	17-0080	-1 THRU -39 CH'D B/O INFO; ADDED DIM C.	3/31/2017	SM	JAG		



		-1	2	GAUGE PIN	STEEL	Ø.0240 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-3	2	GAUGE PIN	STEEL	Ø.0360 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-5	2	GAUGE PIN	STEEL	Ø.0432 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-7	2	GAUGE PIN	STEEL	Ø.0480 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-9	2	GAUGE PIN	STEEL	Ø.0540 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-11	2	GAUGE PIN	STEEL	Ø.0600 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-13	2	GAUGE PIN	STEEL	Ø.0800 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-15	2	GAUGE PIN	STEEL	Ø.0864 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-17	2	GAUGE PIN	STEEL	Ø.0960 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-19	2	GAUGE PIN	STEEL	Ø.1080 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-21	2	GAUGE PIN	STEEL	Ø.1200 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-23	2	GAUGE PIN	STEEL	Ø.1440 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-25	2	GAUGE PIN	STEEL	Ø.1440 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-27	2	GAUGE PIN	STEEL	Ø.1440 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-29	2	GAUGE PIN	STEEL	Ø.1600 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-31	2	GAUGE PIN	STEEL	Ø.1600 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-33	2	GAUGE PIN	STEEL	Ø.1728 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-35	2	GAUGE PIN	STEEL	Ø.1728 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-37	2	GAUGE PIN	STEEL	Ø.1920 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-39	2	GAUGE PIN	STEEL	Ø.2057 X 2, X CLASS, MINUS (MEYER GAGE) MODIFIED	2
		-41	1	LABEL	PAPER		3
	B/O	-43	20	VIAL WITH LID	CLEAR POLYPROPYLENE	Ø3/4 X 1-5/8 (L.A. CONTAINER #071600)	1
	B/O	-45	1	воттом гоам	ETHAFOAM 220, BLACK	2.05 X 6.13 X 10.63 (CASE SOLUTIONS)	4
	B/O	-47	1	TOP FOAM	ETHAFOAM 220, BLACK	1.05 X 6.13 X 10.63 (CASE SOLUTIONS)	5
	B/O	-49	1	CASE	PLASTIC	PELICAN #APP-1170-E	N/S

ALUMINUM

RB41011

Material

PG.

N/S

B/O INFORMATION OR SPECIFICATIONS

1. REF: BHT-ALL-SPM TABLE 8-2
GEARS - MEASURING PINS VERSUS
HELICOPTER MODELS AND KIT
DESIGNATION LETTERS; 429.
2. CUT OUT -41 LABELS AND PLACE IN
CORRESPONDING -43 VIAL.

APPROVED: GILBERT

1:3

SCALE

TITLE GEAR TEETH AND SPLINE MEASURING PINS DWG NO. RBT18003 MAT'L UNILESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES STRACTIONS ± 1/8 FINISH SPEC DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY DARROSPACE TITLE UNILESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES SERVED 1 SURFACES = 125/15 x ± .01 ANGLES ± .5° XX ± .01 ANGLES ± .5° XX ± .01 SURFACES = 125/15 x ± .01 SU

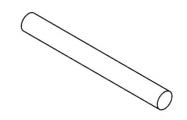
DATE 1/18/2017

BELL 429

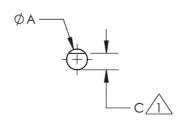
SHEET 1 OF 6

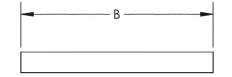
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	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
2	17-0080	-3 THRU 39 CH'D B/O INFO; ADDED DIM C.	3/31/2017	SM	JAG			



GAUGE PIN DIMENSIONS						
PART NUMBER	ØA	В	С			
-1	(Ø.0240)	1"				
-3	(Ø.0360)	1"				
-5	(Ø.0432)	1"				
-7	(Ø.0480)	1"				
-9	(Ø.0540)	1"				
-11	(Ø.0600)	1"				
-13	(Ø.0800)	1"	N/A			
-15	(Ø.0864)	1"				
-17	(Ø.0960)	1"				
-19	(Ø.1080)	1"	1			
-21	(Ø.1200)	1"				
-23	(Ø.1440)	1/4"				
-25	(Ø.1440)	1"				
-27∕\	(Ø.1440)	1"	.1209±.0050			
-29	(Ø.1600)	1/4"				
-31	(Ø.1600)	1"				
-33	(Ø.1728)	1/4"	N/A			
-35	(Ø.1728)	1"] IN/A			
-37	(Ø.1920)	1"				
-39	(Ø.2057)	1"				





 $\frac{\text{NOTE:}}{1}$ FLATTENED PIN.

SCALE

2:1

GEAR TEETH AND SPLINE TITLE MEASURING PINS DWG NO. RBT18003-1 THRU -39 MAT'L STEEL UNLESS OTHERWISE SPECIFIED SURFACES = 125 SPEC A T.I.

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: GILBERT **BELL 429**

DATE 1/18/2017

SHEET 2 OF 6

(-1 THRU -39)

GAUGE PIN

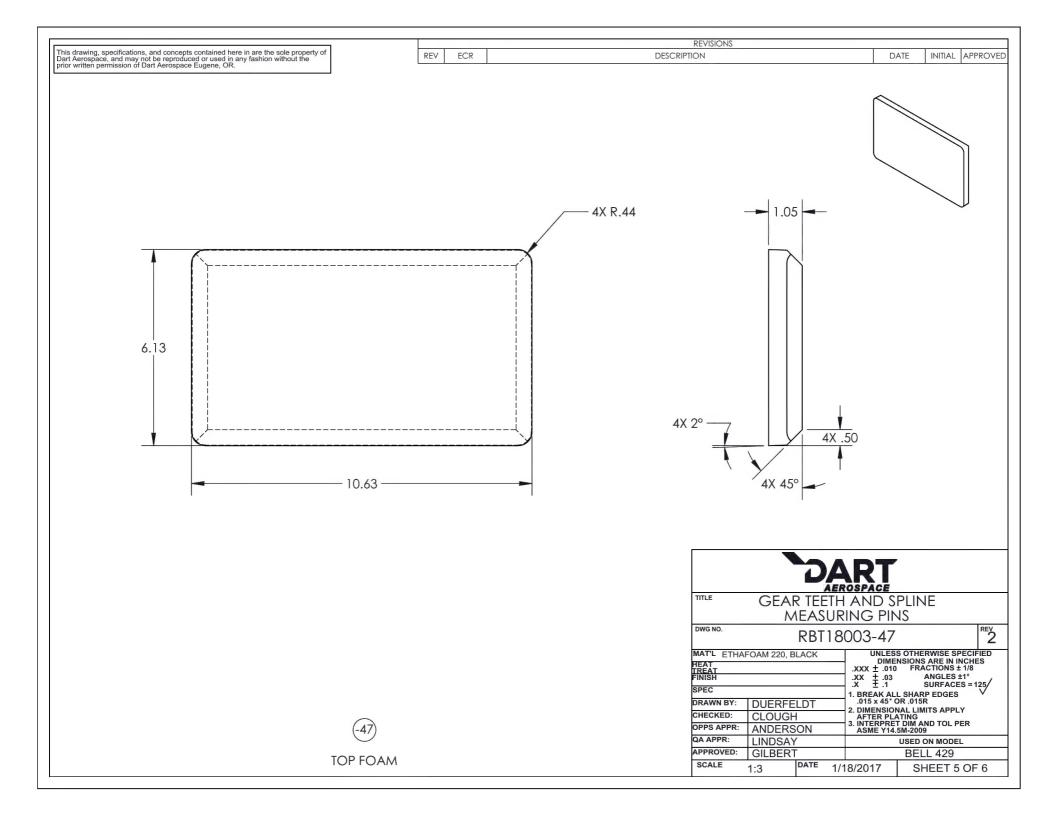
REVISIONS This drawing, specifications, and concepts contained here in are the sole property of ECR DESCRIPTION REV DATE INITIAL APPROVED Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. ART DART DART DART ART DART GRAR & SPLINE OBAR & STUNE GEAR & SPLINE GRAR & SPLINE CHAR & SPLINE WEAR CHECK PRO GRAR & SPLINE .0240" DIA .0360" DIA .0432" DIA. .0480" DIA. .0540" DIA .0600" DIA 2 EACH - 1" LONG DART DART DART DART DART DART OWAR & SPLINE WEAR CHECK PRO OWAR & SPLINE WEAR CHECK PRO OWAR & SPLINE GEAR & SPLINE WEAR CHECK PRO OWAR & SPLINE CHEAR & SPLINE .0800" DIA. .0864" DIA. .0960" DIA. .1080" DIA. .1200" DIA. .1440" DIA 2 EACH - 1" LONG 2 EACH - 1/4" LONG 180 S. DÁNERO ÁVE. BUSBINE, OR S7462 1-000-005-4166 180 S. DÁNEBO ÁVE. BLOSENE, OR 97402 1-800-886-4166 180 S. DÁNERO ÁVE. BUGBNE, OR 97402 1-800-808-4166 180 S. DÁNESSO ÁVE. BLOSENE, OR 97402 1-803-505-4166 100 S. DÁNERO AVE. BUGISHE, OR 97402 1-800-806-4166 180 S. DÁNESSO ÁVE. BUGISHE, OR 97402 1-800-808-4168 5.0 DART DART DART DART DART DART WEAR CHECK PRO OWAR & SPLINE WEAR CHECK FROM GEAR & SPLINE WEAR CHECK PRO GRAP & SPLINE OBAR & SPLINE WEAR CHECK PRIN CHAR & SPLINE .1440" DIA. .1440" DIA. - FLTND 2 EACH - 1" LONG 1600" DIA. .1600" DIA. .1728" DIA. .1728" DIA. 2 EACH - 1" LONG 2 EACH - 1/4" LONG 2 EACH - 1" LONG 2 EACH - 1/4" LONG 2 EACH - 1" LONG 190 S. DÁNESSO ÁVE. BUGENEL, OR 97402 1-200-005-4165 180 S. DÁNERO ÁVE. BUGENEL, OR 57402 1-800-885-4166 190 S. DÁNEBO ÁVE. BUGBNE, OR 97402 1-800-888-4168 180 S. DÁNERO ÁVE. BUGENEL, OR 57402 1-800-885-4165 180 S. DÁNEBO ÁVE. BUGBNE, OR 97402 1-800-888-4168 190 S. DÁNEBO ÁVE. BUGENEL, OR 97402 1-800-508-4166 DART DART GEAR & SPLINE OBAR & SPLINE WEAR CHECK PINS 1.25 TYP 1920" DIA .2057" DIA 2 EACH - 1" LONG 2 EACH - 1" LONG 160 S. DÁNEMO AVE. BLOSSIEL, OR 57402 1-800-888-4168 190 S. DÁNEBO ÁVE BUGBNE, OR 97402 1-800-585-4166 1.25 TYP - 7.5 AEROSPACE GEAR TEETH AND SPLINE TITLE MEASURING PINS DWG NO. REV 2 RBT18003-41 MAT'L PAPER UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES + .010 FRACTIONS ± 1/8 HEAT .XXX ± .010 .XX ± .03 .X ± .1 ANGLES ±1° SURFACES = 125/ SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R DRAWN BY: DUERFELDT 2. DIMENSIONAL LIMITS APPLY CHECKED: CLOUGH AFTER PLATING
3. INTERPRET DIM AND TOL PER OPPS APPR: ANDERSON ASME Y14.5M-2009 QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT **BELL 429** LABEL SCALE DATE 1/18/2017 2:3 SHEET 3 OF 6

REVISIONS This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. DESCRIPTION INITIAL APPROVED ECR DATE ₹.78 80 R.13 -4X R.44 2.05 6X R.50 6.13 -7X 5.83 6X 5.49 -2X 4.99 -6X 4.49 -7X 3.91 6X 3.57 7X 4.15 -2X 3.07 6X 2.57 7X 2.22 6X 1.99 -5X 1.64 2X 1.14 -5X .64 -4X 2° 6X .30 4X .50 0 -6X 1.56 6X 2.14 2.95 7X 8.49 4X 9.07 4.33 5.72 6.30 7.11 10.63 0 6. X9 ×9 X9 X9 ×9 X9 X9 ×9 TITLE GEAR TEETH AND SPLINE MEASURING PINS DWG NO. RBT18003-45 MAT'L ETHAFOAM 220, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

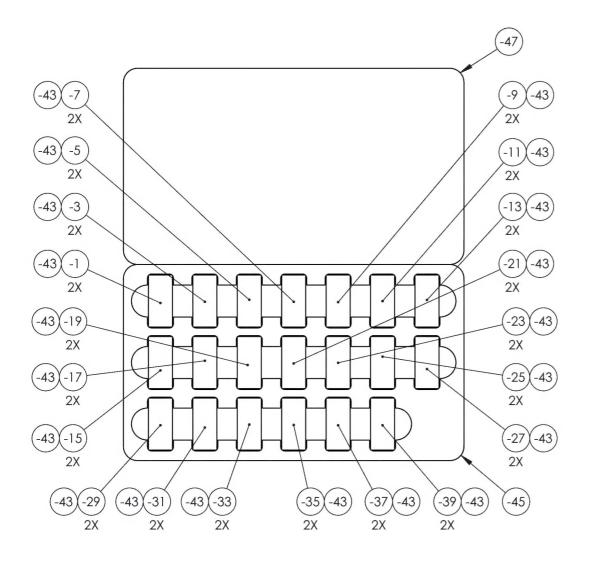
.XXX ± .010 FRACTIONS ± 1/8

.XX + .03 ANGLES ±1°

.X ± .1 SURFACES = 125/ SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: USED ON MODEL LINDSAY APPROVED: GILBERT **BELL 429 BOTTOM FOAM** SCALE 1:3 1/18/2017 SHEET 4 OF 6



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NOTES:

REF: BHT-ALL-SPM TABLE 8-2
GEARS - MEASURING PINS VERSUS
HELICOPTER MODELS AND KIT
DISIGNATION LETTERS; 429.

Part #	UNIT QTY	Description
-1	2	GAUGE PIN Ø.0240 X 1
-3	2	GAUGE PIN Ø.0360 X 1
-5	2	GAUGE PIN Ø.0432 X 1
-7	2	GAUGE PIN Ø.0480 X 1
-9	2	GAUGE PIN Ø.0540 X 1
-11	2	GAUGE PIN Ø.0600 X 1
-13	2	GAUGE PIN Ø.0800 X 1
-15	2	GAUGE PIN Ø.0864 X 1
-17	2	GAUGE PIN Ø.0960 X 1
-19	2	GAUGE PIN Ø.1080 X 1
-21	2	GAUGE PIN Ø.1200 X 1
-23	2	GAUGE PIN Ø.1440 X 1/4
-25	2	GAUGE PIN Ø.1440 X 1
-27	2	GAUGE PIN Ø.1440 X 1 FLATTENED
-29	2	GAUGE PIN Ø.1600 X 1/4
-31	2	GAUGE PIN Ø.1600 X 1
-33	2	GAUGE PIN Ø.1728 X 1/4
-35	2	GAUGE PIN Ø.1728 X 1
-37	2	GAUGE PIN Ø.1920 X 1
-39	2	GAUGE PIN Ø.2057 X 1
-41	1	LABEL
-43	20	VIAL WITH LID
-45	1	воттом гоам
-47	1	TOP FOAM
-49	1	CASE
RB41011	1	PLACARD



190 S. Danebo Ave., Eugene, OR. 97402 1-800-556-4166

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GEAR TEETH AND SPLINE MEASURING PINS

DWG NO.	RBT1800)3	2	CUSTOME	R 1 OF 1
SCALE	1:3	DATE 1/18/2	2017	SHEET	6 OF 6